



Memorandum

To: Tom Johnston, Purchasing Agent

From: Tim Yarbrough, Enterprise Technology Manager, IT

Date: October 4th, 2009

Subject: Cisco Wireless Network Controller

Action Requested: The Information Technology Department is requesting the purchase of a wireless network controller from Flair Data Systems via DIR contract DIR-SDD-242. This controller will combine all wireless access points within the city's network creating a combined single access point. This will significantly reduce management costs, improve security and overall availability of our wireless network.

Background Information:

The Cisco Wireless Services Module (WISM) provides many benefits including increased network security, overall wireless reliability and reduced wireless network management costs. Currently the IT department is maintaining 70 wireless access points individually. This solution centralizes management and turns the access points into one big antenna allowing for better wireless coverage and enhanced security. More information can be found at:

<http://www.cisco.com/en/US/products/ps6526/>